INTERNATIONAL CONFERENCE

on

INNOVATIONS IN SCIENCE AND TECHNOLOGY (ICIST-2018)

JANUARY 19th & 20th, 2018

International Conference on Innovations in Science and Technology in Civil Engineering

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International Conference on Innovations in Science and Technology in Computer Science & Engineering

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International Conference on Innovations in Science and Technology in Electronics &Communication Engineering

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International Conference on Innovations in Science and Technology in Humanities and Management

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About MRIT

Malla Reddy Institute of Technology(MRIT) is a constituent College of Malla Reddy Group of Institutions(MRGI). The Group founded in the year 2002 by Sri. Ch. Malla Reddy, M.P, an eminent educationalist, is the largest cluster of technical institutions in Telangana State (TS), with student strength of 28,000 and staff strength of 2500. Malla Reddy Institute of Technology is established in 2008, Permanently Affiliated to JNTUH, Approved by AICTE and has a strong vision of offering world class training to the promising engineers. The college is situated in a serene, lush green environment on Kompally- Bahadhurpally Road, opposite to Forest academy, Medchal District, TS.

MALLA REDDY INSTITUTE OF TECHNOLOGY

" I have a vision of Excellence
A vision of Triumph
A vision of Destination to Many
A vision to Educate
and Enlighten Millions
To Ignite their latent thoughts
And propel them to
Explore and Learn."

Ch. Malla Reddy
Founder Chairman
Hon'ble MP - Malkajgiri Constituency

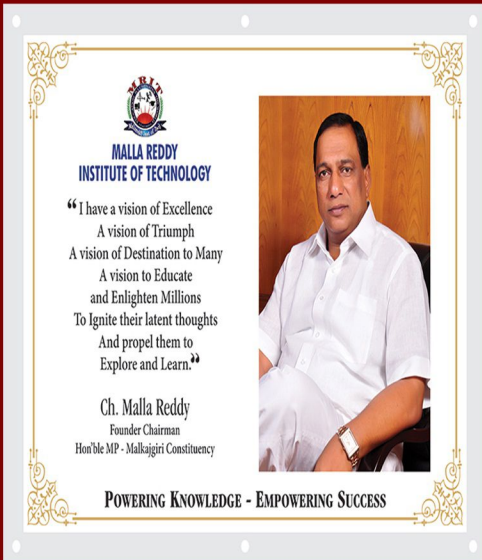**POWERING KNOWLEDGE - EMPOWERING SUCCESS**

Vision

To provide ample opportunities to both Students and Faculty to unlock continuously their vast talent potentials to meet the global challenges with the created harmony environment.

Mission

To create both necessary and adequate Technical and Non-Technical competence at international Level by providing anacademic climate in which students get opportunities to constantly unlock their vast inner potential.

Conference Theme

The Conference aims to stretch and gravitate innovative ideas in Science and Technology to pave an arena where innovations are redefined. The world has become very gregarious for handing on impeccable knowledge to savvy and scrupulous educators. Unprecedented methodologies phase in to create a path finder way for new Innovative and Gravitate Ideas. The Conference tees off and endorses to bring out precocious advancements in Science and Technology. Science and emerging new trends in Technology wear off the effectives in teaching pedagogical tools by inculcating new horizons and providing novel platforms for thought provokers and having watershed effects in creating better tomorrows.

Quality Policy

We are vigorously committed to create a better tomorrow for professionals to meet emerging trends in industrial and social needs through...

* Innovative and thought provoking teaching.
* Arena for research oriented and industry ready professionals.
* Imbibing ethical and tantamount values.
* Creating new paradigms for technocrats.
* Thriving the new tenacity dimensions for global scenario.

DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering was established in the academic year 2008 with an intake of 60 students, it was subsequently increased to 120 in the year 2009. later in 2013 the intake has been increased to 240. The Department is offering one M.Tech programme in Structural engineering with an intake of 30 students. It is endowed with well qualified, experienced and dedicated faculty and committed supporting staff. The faculty continue to strive hard by exploring new frontiers of knowledge, imparting the latest technical knowledge to the students and conducting high quality of research. The faculty also renders technical advice on live engineering problems to various Government and Private Sector companies.

All the laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students and to meet the research and consultancy requirements of the department. Conducting seminars, workshops and conferences on the latest developments and arranging internships, industrial visits and expert lectures for the benefit of the students are regular features in the department.

The department has also been able to achieve a high pass percentage in the university examinations. On the Placements front too, many number of students of the Civil Engineering department has been placed in reputed companies like L&T, MEIL, NCC (URBAN), and SPCL etc. and also in various public sectors. The department encourages the students to pursue higher education and various career enhancing courses and active participation in R&D.

Conference Topics

* Concrete Technology
* Earthquake Resistant Design of Buildings
* Geotechnical Engineering
* Transportation Engineering
* Water Resources Engineering
* Remote Sensing and GIS
* Geo – Environmental Engineering
* Traffic Control and Signal Engineering
* Highway materials and Quality Control
* Flood Control Engineering
* Structural Engineering
* Finite Element Method
* Environmental engineering
* Construction management
& any other relevant to the conference theme

Vision

To Strive continuously to provide excellence in education to give rise to a new level of professionalism in Civil Engineering to be entrusted by society to achieve a sustainable world and raise the global quality of life.

Mission

To provide high quality education, technical skills to serve society and Nation.To promote student achievement and preparation for Global competitiveness by fostering educational excellence.Encourage to pursue higher education and various career enhancing courses.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Computer Science and Engineering is the soul and psyche of many engineering branches. These fields are instrumental in bringing the world to where it is today. Computer Science & Engineering (CSE) course was started in the year 2008 in MRIT. Department of CSE has an intake of 240 seats Department of CSE has well-qualified and experienced faculty who are specialists in the areas of C Programming, Java Programming, Data Structures, Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Other Programming Languages. There are around 50+ dedicated faculty members with good amount of experience in these different areas.

The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-plant training programs, where they hone their technical skill in the realm of computers.

The department effectively prepares students to pursue leadership, technical, and management positions in a variety of industries. Students have obtained successful top-notch placements at leading companies like IBM, Infosys, Wipro, Cognizant, TCS, TechM, and other leading companies.

Conference Topics

* Internet on Things
* Cloud Computing
* Data Ware Housing & Data Mining
* Big Data & Data Analytics
* Computer Networks & Security
* Ethical Hacking
* Distributed Computing & Databases
  Parallel Processing
* Advanced Operating System
* Artificial Intelligence & Neural Networks
* Emotional Intelligence
* Advanced Networks
* Computer Graphics
* Web Technologies and Web Mining
* Mobile Computing
* Machine Learning Technology
  & any other relevant to the conference theme

Vision

To provide excellence knowledge and enrich the problem solving skills of the student in the field of CSE with a focus to prepare the students for industry need, carry out research, responsible citizen and improve the environment

Mission

Prepare the students with strong fundamental concepts, analytical capability, programming and problem solving skills. To make the students as far as possible industry ready to enhance their employability in the industries.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering was established in the year 2008 to start a B.Tech programme affiliated to the JNT University, Hyderabad.

Department of ECE has intake of 120 seats Since its inception, the department has progressed rapidly and is now regarded as one of the premiere departments, with excellent infrastructure and a full-time faculty. The course contents are intended to give the students a holistic and pragmatic view of the present scenario of the Electronics and Communication industry as well as a grounding in the concepts and theories that will shape the future of the industry. In order to ensure high standards of education for its students, the department has constantly upgraded itself by adding well equipped and fully furnished laboratories to supplement the theory courses.

Faculty members are actively involved in research and academic developmental activities and attend and conduct workshops / conferences to acquire the techni cal knowledge about the latest developments in the field of Electronics and Communication Engineering. The management has keen interest to promote quality education and provide financial assistance to faculty members for attending seminars / workshops etc. The Department every year conducts industrial tours and visits to various industries and power houses for students as part of their curriculum.

Conference Topics

* 4G Wireless & Li-Fi Technologies
* Embedded Systems
   & Low Power VLSI
* Speech Processing
* Optical Communication & Networking
* Image & Video Processing
* MEMS
* Robotics
* Biometric Electronics
* WSN
* Antennas and Wave Propagation
* Artificial Intelligence
* Mixed VLSI Design
* Spread Spectrum Communications
* Radar Signal Processing
* Neural Networks
* Nano Technology
   & any other relevant to the conference theme

Vision
To produce globally competent and socially responsible electronic and communication engineers contributing to the advancement of engineering and technology which involves creativity and innovation by providing excellent learning environment with world class facilities.

Mission
To be a center of excellence in instruction,innovation in research and scholarship, and service to the stake holders, the profession, and the public.
To prepare graduates to enter a rapidly changing field as a electronics engineer.

DEPARTMENT OF HUMANITIES & MANAGEMENT

Department of Humanities and Sciences does inculcate basics and forefront core values personified ideas in the form of ethical and moral values through Maths, Physics, Chemistry, and English, ever science that department has been setup to achieve unlimited and tireless goals that are penetrated in to basic engineering educat ions for upcoming young and savvy technocrats.

Faculty are well qualified and experienced in all the respective and relevant fields that are making youngsters into value oriented citizens by adopting great visionary personalities' life styles.

Conference Topics

* Global Scenario-English Language Usage
* English Language through literature
* The current outstanding blues in English Language
* Matrix theory
* Differential Equations
* Complex Analysis
* Solar Cells
* Nano Semiconductors
* Energy Storage Devises
* Chemical Engg – Chemical Process and Materials
* Pure and applied chemistry
* Nano particles
* Digital Marketing
* Global Economical Challenges-Mangement Solutions
* Human Capital
  & any other relevant to the conference theme

Vision

To Create an obdurate arena to imbibe and inculcate pragmatic pedagogy of Humanities and Sciences for flawless upcoming generations

Mission

1. Establishing impeccable knowlege
2. Enduring ingenious power of education
3. Ensuring unflinching nuance teaching

MONUMENTAL STRUCTURES OF THE CITY

Charminar

Golconda Fort

Birla Mandir

Hitech City

Important Dates for the Conference

Full Paper Submission Last Date	:	3rd January, 2018
Paper Acceptance Information	:	5th January,2018
Registration on or before	:	10th January, 2018
Conference Dates	:	19th & 20th January, 2018

Bank Account Details

Account No.	:	571010110007983
A/C Holder Name	:	Ashok Jammi
Bank Name	:	Bank of India
Branch	:	MIMS,Suraram,Hyderabad
IFCS Code	:	BKID0005710

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H&M Dept. : mriticisthands@gmail.com

Paper Format

Authors are requested to submit the research paper based on their original work in IEEE format. An abstract of the paper not exceeding 200 words and full paper not exceeding 6 pages should be sent to the Organizing Secretary indicating the name and address of the authors. Accepted Papers for the Conference will be published in the Conference Proceedings with **ISBN** and selected papers will be published in **UGC Indexed Journals**.Participation certificates will be given to participants.

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